

Total number of printed pages: 3

UG/5th/UCSE514

2024

Web and Internet Technology

Full Marks: 100

Time: Three hours

The figures in the margin indicate full marks for the questions.

Question 1 (A and B) is compulsory answer any 3 from the rest.

1 [A]. Short answer type or code snippet only 2 x 10 = 20

- i. Write an HTML code snippet to add meta description.
- ii. How do you include meta keywords having CIT, Kokrajhar, Admission as keywords in an HTML File?
- iii. Declare an array with five string elements in PHP.
- iv. How do you make a CSS rule to work for a particular type of devices?
- v. Declare a constant object with the following information name: Janie Doe, age: 20, gender: Female in JavaScript.
- vi. Using CSS define the font color as red and background color as blue for a particular HTML class "content".
- vii. How do you make a particular webpage a responsive webpage?
- viii. How do you add a favicon Icon in an HTML?
- ix. In HTML insert an image with a link to google.com
- x. What is the requirement to run a PHP file?

[B]. Fill in the blanks or one liner answer questions 2 x 10 = 20

- i. PHP is ___ language whereas JavaScript is _____ language.
- ii. ``
- iii. To run PHP you must have ___ and to run JavaScript you must have a ___.
- iv. ___ and ___ are popular framework library of JavaScript.

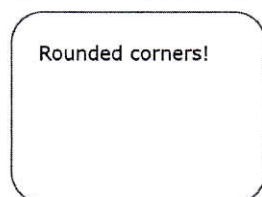
- v. ___ and ___ are popular web servers.
- vi. For the following JavaScript object code Snippet how will you print full name of the person.

```
const person = {
  firstName: "John",
  lastName: "Doe",
  id: 12345,
  fullName: function() {
    return this.firstName + " " + this.lastName;
  }
};
```

- vii. You need to accept form parameters "name" and "password" passed using GET? Which global variable in PHP you will use to accept form data and how?
- viii. <form ___="process.php" ___="POST">
- ix. <script ___="scripts.js" type="___"></script>
- x. ___ and ___ are popular frameworks of PHP.

Descriptive/Code Snippet/Full Code

- 2 a. What are Block Level and Inline Level HTML Tags? 4 + 10 + 6 = 20
- b. Write Five Example each along with example uses of block level and inline level tags. Mention only specific tag uses, no need to write whole HTML page.
- c. Write different ways to include CSS and JavaScript in an HTML Page?
- 3 a. Write five features of JavaScript? 5 + 5 + 10 = 20
- b. What are the differences among declaration of variable using var, let and const?
- a. Using CSS create the following rounded rectangle having border with 2 px solid line with border corner 25 px and contents 25px from border as shown below. Color of the border is green.



- 4 a. What Web Server and Database Server? 4 + 8 + 8 = 20
- b. Write a PHP Program using function that can swap values of three variable using Call by Value.
- c. How do you connect a MySQL database using PHP? Write code snippet to connect to a database hosted on localhost machine.
- 5 a. Write the ten features of Laravel. 10 + 10 = 20
- b. Write any ten different applications that you can build with laravel framework.

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